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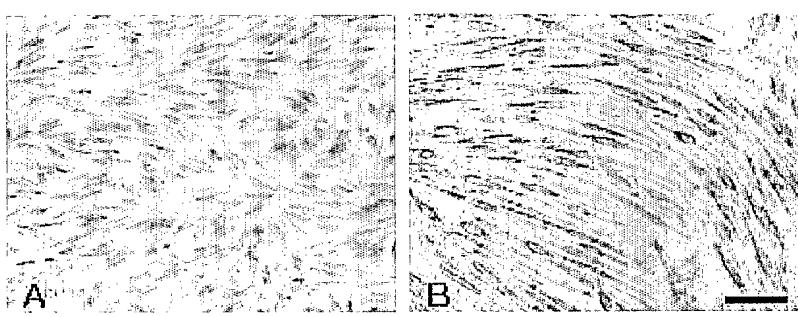
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(54) Title: METHOD FOR ISOLATING AND CULTURING MULTIPOTENT PROGENITOR/STEM CELLS FROM UMBILICAL CORD BLOOD AND METHOD FOR INDUCING DIFFERENTIATION THEREOF



(57) Abstract: Since the multipotent progenitor/stem cells isolated and cultured from the cord blood-derived mononuclear cells according to the method of the present invention are capable of differentiating into several types of cells including neurons, osteoblasts, myoblasts, endothelial cells, hepatocytes and dendritic cells, they can be effectively used for a cell therapy, a cell replacement therapy, an organ restoration technique or an organ production.